



ENGINEERING



LAST MONTH'S ACCOMPLISHMENTS

- Response to questions from FEMA and TDEM on the storm-water modeling and concept design performed in-house by Engineering for the \$33M HMGP Grant
- Notification of potential upcoming Award for the 15th Street Pump Station (PS) under the HMGP DR-4332-024 Grant. The 15th Street PS is one of the 7 PS proposed; Engineering supported the concept design and grant proposal for PS in 7 locations shown
- Traffic Signal design enhancements approved by City Council and added to 45th Street to replace span wire (left) to mast arm (middle and right) with decorative design Teichman Road 30% design in progress with additional cross streets that have aged waterlines to provide better value for neighborhood
- Geotechnical field Investigation for Legas Dr. Bulkhead completed; Geotechnical report anticipated in June so Engineering can advance the design and have it issued for bids
- 16th Street from Broadway to Seawall Reconstruction 30% design in progress
- 18th Street Drainage Design from Seawall to Ship Channel, 90% Design in process
- County-City Design coordination on 23rd Street Reconstruction from Broadway to Seawall and Avenue S from 53rd to Seawall in conceptual phase of design
- 27th Street Phase 2 from Avenue O to Seawall In-house Engineering Design- Construction Bids Awarded; contract execution and bonding in process
- 29th Street Avenue O to Avenue R-1/2 60% Design in progress
- 30th Street Avenue O to Seawall 60% Design in progress
- 37th Street Broadway to Seawall 60% Design in progress
- 49th Street from Avenue P to Avenue S-1/2 Reconstruction "Release for Bids" design package is in progress
- 73rd Street from Heard's Lane to Avenue N-1/2, 95% Design in process
- Broadway Drainage Crossings 100% Design Approved by TXDOT (48th Street Crossing in Design)

- Seawolf WWTP 95% Design Onsite Review Meeting at Site resulted in Design Revisions. Design modifications in progress to address constructability review comments.
- Coordination with TXDOT on the Seawall Blvd project (SH 87/Ferry Rd to Boddeker Drive) Mill and Overlay Project. TXDOT comments incorporated, awaiting Houston and Austin TXDOT approval to bid
- Church Street Drainage from 35th to 37th Street in 90% design
- 35th Street from Post Office to Broadway in 95% design
- 24" waterline 59th Street PS to Airport PS in final pre-bid revisions
- Airport PS and new 5 MG Ground Storage Tank in 90% Design
- Assisted developers and their engineers with drainage, water and sewer design by providing design criteria, codes, and general guidance for various E. End and W. End properties
- Prepared Traffic Control Plans for City Projects, Provided guidance in Predevelopment meetings related to preparation of Development Construction Plans, Processed Building and ADA Parking Permits, Processed ROW Construction, Utility and Culvert Permits and performed field inspections
- Various projects designed in-house by Engineering include 27th Street Phase 3, Parks, Downtown, etc.
- Valve Exercise Proposals Evaluated and interviews in process
- 100% Main WWTP Digesters final constructability review conducted at the Main WWTP
- ROW Construction Permits and Culvert Permits are now in Accela, advancing Utility Permits to also be programmed into Accela in coordination with IT
- CDBG-DR finalization of Grant application for Avenue P-1/2 and 59th Street in-house design
- Coordinated Downtown LMI Phase II design with TXDOT, and approval from Austin to Advertise for bids anticipated
- Attended 25th Street Broadway to Seawall Reconstruction negotiations with Contractor and Purchasing



UPCOMING PROJECTS

- 15th Street Pump Station and Storm Sewer Upgrades (13th to 17th and Seawall to Ship Channel) RFQ Advertisement supporting the upcoming anticipated award of HMGP DR-4332-024 Grant
- 25th Street Broadway to Seawall Construction Contract Award

- 27th Street Phase 2 from Avenue O to Seawall Construction Contract Execution and Mobilization
- 29th Street Church to Harborside re-advertisement evaluation w/o drainage
- 49th Street reconstruction bid Advertisement
- Main WWTP Digester Dewatering and Cleaning package Bid Advertisement
- Main WWTP Digester Improvements package, 60% submittal
- Seawolf WWTP 100% design constructability revisions
- 2.5 Million Gallon, 10 Mile Road Elevated Storage Tank design kickoff meeting similar to (see image below)
- Water Loss Mitigation Program
- 60% design for rehabilitation of existing lift stations review comments
- HMGP DR-4332-024 15th Street Pump Station Design Award (see image below)
- 5 MG Potable Water Storage Tank and Airport Pump Station Upgrade 95% design
- 24 inch waterline from 53rd Street North to the Airport Pump Station bid advertisement
- Laffite's Cove Water Loop Project Bid Advertisement
- Permits, Construction Inspections, Surveys & Field GIS
- MSDs, Residential and commercial Permits, Subdivision design plans, ROW Utility Permits, ROW sidewalk, ramps and culvert/driveway permits, handicapped parking permits, TLTUs
- Providing Robotic Surveys, GIS Maps, As-Built Drawings & Field GIS GPS data collection with Trimble R10 for infrastructure
- Construction Inspections for ROW permits and residential/commercial permits.
 - Geotechnical Engineering Testing Scope and Contracts for construction projects
- Continuation of Phase 3, 27th Street Design